

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved OMB No. 1218-0072



consulted for specific reduitering	51 ILG.		ON B 140, 1210	3-0072		***************************************	
IDENTITY (As Used on Label and Biuret Solution	List)		Note: Blank spac information	ces are not permitted. I i is available, the space	f any item is not app must be marked to	olicable, or no indicate that.	
Section I							
Manufacturer's Name			Emergency Tele	phone Number			
Columbus Chemical Ir	ndustries. Inc		(414) 62	3-2140			
Address (Number, Street, City, State, and ZIP Code)			Telephone Number for Information				
N4335 Temkin Road			(414) 623-2140 Date Prepared				
Columbus, WI 53925			4/6/87 Signature of Preparer (optional)				
			J.g				
Section II — Hazardous In	gredients/Identity	/ Information	1				
Hazardous Components (Specific	Chemical Identity; Corr	nmon Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	
Copper Sulfate	CAS #7758-		N/A	1 mg/m ³	400 410 410	<1%	
Sodium Hydroxide	CAS #1310-		2 mg/m^3	2 mg/m ³		287	
Water (nonhazardous)						Balanc	
114662 (1161114444444	<u></u>						
				•			
						The second secon	
					•		
Section III — Physical/Che	mical Characteri	etice					
	milical Characters	51103	Specific Gravity	(H-O - 1)		1	
Boiling Point		77/4	Specific Gravity	(H ₂ O * 1)		N/A	
Venez Census (mm Ha)		N/A	Melting Point			N/S	
Vapor Pressure (mm Hg.)		N/A	Wicking , our		•	N/A	
Vapor Density (AIR = 1)		N/A	Evaporation Rate	3			
		N/A	(Butyl Acetate =	1)		N/A	
Solubility in Water							
	Complete						
Appearance and Odor	Water-white	e solution					
Section IV — Fire and Ex	plosion Hazard D	ata					
Flash Point (Method Used)			Flammable Limit	IS	LEL	UEL	
Nonflammable			<u> </u>		N/A	N/A	
Extinguishing Media							
Suitable to extingu Special Fire Fighting Procedures	ish the suppor	rting flam	ie.				
Wear self-contained	breathing ap	paratus.					
Use water spray to	cool containe	rs involve	d to help p	revent ruptur	e		
Unusual Fire and Explosion Hazar	rds						
Sodium Hydroxide wi	11 react with	metals su	ich as alumi	num, tin and	zinc to gene	rate	
flammable and explo	sive hydrogen	gas.			-		
/Reproduce locally)					OSH.	A 174, Sept. 198	

Incompatibility (Macids, orgathazardous Decompanie Hazardous Polymerization Polym	Unstable Stable Stable Staterials to Avoid) anics such a position or Byprodu May Occur Will Not Occur Health Hazard Inha cute and Chronic) roxide is a ere burns. an injure the	Data ation? Strong Eye The er	Conditions to Avoid N/A Si Cong alkali and is d contact willproduc	kin? X estruc	ons, leather, wood, aluminum, tin, zi Ingestion? X ctive of all human tissue it contacts ere permanent injury. Inhalation of
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Emergency and Fingestion: Inhalation with water					
Emergency and Fingestion: Inhalation with water	ССТ				
with water	ret Aid Procedures	GE'	T MEDICAL ATTENTION	IMME	CDIATELY:
<u>with water</u>	dilute by	<u>drin</u> l	<u>king water. Do NOT</u> sh air - Keep perso	<u>induc</u>	e vomiting. Get medical attention. m and at rest. Eye: wash eyes immedi
Section VII -	including	unde	r evelids. Skin: fl	lush w	with water, remove contacted clothing the sho
			fe Handling and Use		the suc
Steps to Be Taken	n in Case Material	s Relea	ased or Spilled	:-	erent) for disposal or flush to holding
					stant) for disposal or flush to holding
area with	water. Neu	tral	ize residues with o	iilute	e acid and rinse with water.
Waste Caus	ethod :tic must ne	ver	be discharged direc	ctly t	to sewers or surface waters. First
convert to	neutral sa	lts	and dilute well wit	th wat	ter. Inform legal authorities of tate and local regulations.
Precautions to Re	Taken in Handling	and St	torina		•
Store in w	vell-sealed	cont	aienrs, which are	protec	cted from physical damage. Store in o
drv area.					ead to spills or mist formation.
Other Precautions	·				
Have abund	lant runnine	wat	er available where	mater	rial is stored, unloaded, or handled.
DOT Hazard	i Class: Cor	rosi	ve material.		
Section VIII -	- Control Meas	ures	•		
Respiratory Protect	ction (Specify Type)		TOCH in the second record		m shows exposures of 2 mg/m ³
Ventilation	Local Exhaust				r above exposures of 2 mg/m ³
	X		cially if mists fo	rm	
	Mechanical (General	a/)			Other
Protective Gloves			_	Eye Pr	rotection
			loves	<u></u>	safety goggles
Apron or	Clothing or Equipment or Clothing or Equipment (nt :loth	ning, and rubber bo	ots	
Madellaniania Dre					ufacturing and housekeeping procedure